



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6305G11331-3G-PO

Job Sheet 185009



Part No: RBW6305G11331-3G-PO **Job Qty:** 2 ea

Part Name: Main Gear Box Input Pinion Ring Nut Wrench



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/19/18

Job Tracking No:

Due Date: 11/9/18

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG RBW6305G11331-3G Rev C. IPP Rev. A 18.10.18 Now purchased DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	2 pcs		11/9/18	0.00	0.00	Purchasing		NOV 14 2018
110	Packaging	2 pcs		11/9/18	0.00	0.00	Packaging2		NOV 14 2018
120	QC	2 pcs		11/9/18	0.00	0.00	QC6		NOV 14 2018 68
130	Small Fab	2 pcs	N/A	11/9/18	0.00	0.20	Small Fab-2		9-89
140	QC	2 pcs		11/9/18	0.00	0.00	QC5		
150	Packaging	2 pcs		11/9/18	0.00	0.00	Packaging3		
160	QC21-FG	2 Ea		11/9/18	0.00	0.00	QC21		NOV 15 2018

Part Op 100 - Issue P/O: 041402 MANUFACTURE RBW6305G11331-3G AS PER DWG Supplier: ARROW TECH MACHINE
Descriptions: WORKS -Certificate of conformity is required

130 - Re-identify as required.

oc + 19.20.18 v2 RL

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW6305G11331-3GP	Main Gear Box Input Pinion Ring Nut Wrench	2 (1 ea)	100-Purchasing	5127803

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW6305G11331-3GP	2	0	0

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Plex 10/19/18 3:35 PM dart.Lussier.Patrick

Container No: S127805



Part: RBW6305G11331-3G

Job No: 185009

Serial No/Batch: S127805

Revision: C

Inspector:

Exp Date:

Instructions: [plexonline.com/28fb9df...](https://www.plexonline.com/28fb9df...) 09/11/18 03:00:00 0400/Plexus_Control/Report_Viewer_2.asp?URL=https://www.plexonline.com/28fb9df...



Dart Aerospace Ltd.
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Hawkesbury, ON
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Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041402**

Supplier: ARR002-VU
Arrow Tech Machine Works
29751 E. Enid Road,
Unit C
Eugene, OR 97402 USA
Phone: 541-780-6938
Fax: 458-215-4938

PO No: PO041402
PO Date: 10/19/18
Due Date: 11/12/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Lussier, Patrick

Ship To:

Pymt Terms: Net 30
Freight Terms:
Special Comments:

Revision

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	185011	RBW6305G11731-3GP			Pusher, Main Gear Box Input Flange Installer	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$1,265.50/Ea	\$2,531.00
Line Item Note sub assy for tool RBW6305G03531-3G REV 1													
2	185012	RBW6305G11831-3GP			Puller, Main Gear Box input Gimbal Removal	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$1,140.00/Ea	\$2,280.00
Line Item Note sub assy for tool RBW6305G03531-3G REV 2													
3	185010	RBW6305G11631-3GP			Puller, Main Gear Box Input Flange Remover	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$1,525.75/Ea	\$3,051.50
Line Item Note sub assy for tool RBW6305G03531-3G REV D													
4	185009	RBW6305G11331-3GP			Main Gear Box Input Pinion Ring Nut Wrench	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$2,220.00/Ea	\$4,440.00
Line Item Note sub assy for tool RBW6305G03531-3G REV C													
5	185008	RBW6305G23631-3GP			Tool, Input Pinion Mating Ring Remover	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$1,039.36/Ea	\$2,078.72
Line Item Note sub assy for tool RBW6305G25131-3G REV 1													



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Hawkesbury, ON
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Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041402**

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
6	185007	RBW6305G23731-3GP			Tool, Input Mating Ring Installation	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$3,481.46/Ea	\$6,962.92

Line Item Note sub assy for tool RBW6305G25131-3G
REV 1

2x

NOV 14 2018

[Signature]

Grand Total: \$21,344.14

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

[Signature]
[Signature]

Plex 11/9/18 2:49 PM dart.Lussier.Patrick



**PHGE Machineworks dba
Arrowtech Machineworks**
29751 E Enid Rd. Unit C
Eugene, Oregon 97402
Phone: (541) 780-6938
Fax: (458) 215-4938

Packing Slip

NO. 309

Date: 11/9/2018
PO Ref: 041402
Ship via: Fedex Priority

Bill To:
Dart Aerospace
1270 Aberdeen St. Hawkesbury, ON
CANADA K6A 1K7

Ship To:
Dart Aerospace
1271 Aberdeen St. Hawkesbury, ON
CANADA K6A 1K8

Qty	Item	Part No.
2 ✓	Pusher, MGB Input Flange Installer ✓	RBW6305G11731-3G ✓
2 ✓	Puller, MGB Input Gimbal Removal ✓	RBW6305G11831-3G ✓
2 ✓	Puller, MGB Input Flange Removal ✓	RBW6305G11631-3G ✓
2 ✓	MGB Input Pinion Ring Nut Wrench ✓	RBW6305G11331-3G ✓
2 ✓	Tool, Input Pionion Mating Ring Removal ✓	RBW6305G23631-3G ✓
2 ✓	Tool, Input Mating Ring Installation ✓	RBW6305G23731 ✓

Received by: _____

Packaged by: AUP

Checked by: Q.E.

Thank You



ARROW TECH MACHINE WORKS

Certificate of Conformance

Your Purchase Order No:041402 ✓

Dated: 11/9/2018

Our Order / Job No:041402-AWT4

Order Qty:2 ✓

Part Name:Main Gear Box Input Pinion Ring Nut Wrench

Part Number: RBW6305G11331-3G

Lot Size:N/A

Ship Date: 11/9/2018

We certify that these parts shipped to you are of domestic or international manufacture and conform to all requirements of the Purchase Order. These parts have been manufactured and inspected in accordance with all required specifications, instructions and drawings. Any applicable specifications are listed below:

Drawing Number: RBW6305G11331-3G ✓ Rev:C

Material Size and Type: 5,-7,-9-11,-13/4140 Q & T; -3/ Carbon Steel

Material Specifications:Steel: ASTM A108, A29

Heat Treatment: 31.5 HRC

Plating/Finish: Zinc Plate: ASTM B633 Type 1 SC 2

Mercury Contamination: The material used to process this order has not come in contact with mercury or mercury bearing instruments.

Date: _____

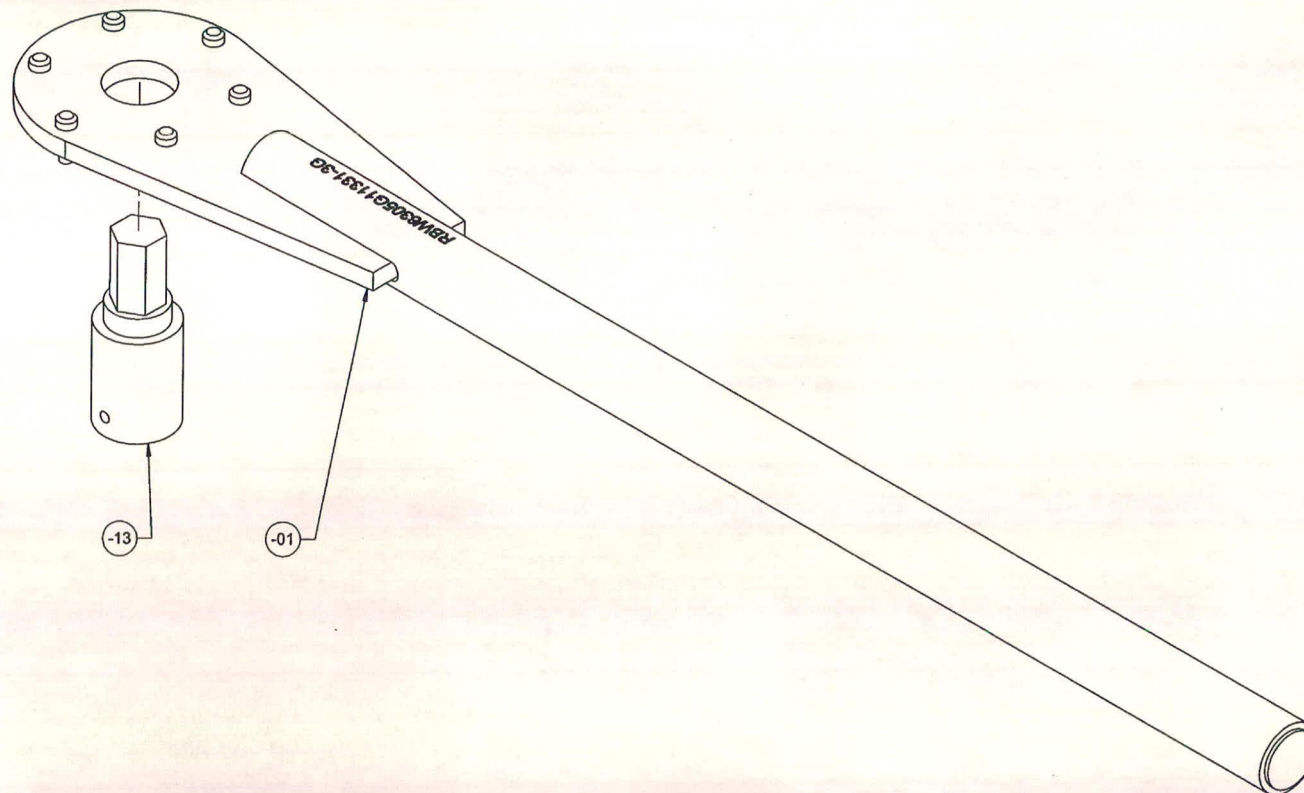
11/09/18

Signed: _____

DAS
68
9-89

PHGE Machine Works LLC dba Arrow Tech Machine Works
29751 E. Enid Rd. Unit C Eugene, Oregon 97402
Main: (541) 780-6938 | Fax: (458) 215-4938
www.atechmachineworks.com

ITEM #	QTY	PART #	PART TITLE
-01	1	RBW6305G11331-3G-01	WRENCH WELDMENT
-13	1	RBW6305G11331-3G-13	SOCKET



RBW6305G11331-3G MAIN GEAR BOX INPUT PINION RING NUT WRENCH

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A

- 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1^\circ$
X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$
X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$

- 5) UNITS: INCHES UNLESS OTHERWISE NOTED

- 6) BREAK SHARP EDGES: N/A

- 7) IDENTIFICATION: N/A

C	ITEM -13 SOCKET ADDED, TEMPLATE UPDATED	18-538	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM 04/17/2018		
CHECKED	VM 04/17/2018	TOOL PART #	REV. C
MFG. APPR.	DP 04/18/2018	RBW6305G11331-3G	SHEET 1 OF 8
APPROVED	ML 04/24/2018	TITLE	SCALE
DATE 4/24/2018		MAIN GEAR BOX INPUT PINION RING NUT WRENCH	NTS
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